IAP15 Rec'd PCT/PTO 11 AUG 2006

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PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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	ANSMILIAL LELIER TO	3081.153US01						
	DESIGNATED/ELECTED CERNING A SUBMISSIO	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/565,723						
INTERNAT	IONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED					
	04/008161	21 July 2004	25 July 2003					
TITLE OF INVENTION METHOD AND DEVICE FOR PRODUCING A CLOSED, CURVED CUT								
APPLICANT(S) FOR DO/EO/US Dirk MÜHLHOFF, Mario GERLACH, Markus STICKER, Carsten LANG, Mark BISCHOFF, Michael BERGT								
Applicant	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:							
1. 🔲 1	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.							
2. 🔽 7	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.							
	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4. 🔲 -	The US has been elected (Article 31).							
5.	A copy of the International Application as filed (35 U.S.C. 371(c)(2))							
	a. is attached hereto (required only if not communicated by the International Bureau).							
	b. has been communicated by the International Bureau.							
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).							
6. 🔲	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).							
	a. is attached hereto.							
	b. has been previously submitted under 35 U.S.C. 154(d)(4).							
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
	a. are attached hereto (required only if not communicated by the International Bureau).							
	b. have been communicated by the International Bureau.							
	c. have not been made; however, the time limit for making such amendments has NOT expired.							
	d. have not been made and v	will not be made.						
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
9. 🔽	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).							
10. 🔲	An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary E	xamination Report under PCT					
Items	11 to 20 below concern document(s) or Information included:						
11. 🔲	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.							
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
13. 🔲	A preliminary amendment.							
14.	An Application Data Sheet under 37 CFR 1.76.							
15.	A substitute specification.							
16.	A power of attorney and/or change of address letter.							
17. 🔲	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.							
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).							
19.	A second copy of the English language	ge translation of the international application	under 35 U.S.C. 154(d)(4).					

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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10/565,723	TON NO. (II KNOWN,	See 37 CTR 1.37	PCT/EP2004/008161	FEIGATION NO.	3081.153US01	
20. Other	items or information	on:			· · · · · · · · · · · · · · · · · · ·	
Copy of Notifica	ation of Missing R	equirements Unc	ler 35 U.S.C. 371 in the Unite	d States Designated/E	Elected Office (2 pgs.); R	eturn Postcard.
The follo	owing fees have b	een submitted			CALCULATIONS	PTO USE ONLY
21. 🔲 Basi	c national fee (37	CFR 1.492(a))		\$300	\$	
22. 🔲 Exam	nination fee (37 CF					
by IPEA/	ion prepared by IS US indicates all cl	\$				
23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority					\$	
	- · · · · · · · · · · · · · · · · · · ·					
Additional fer sequence electronic	TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets			RATE			
- 100 =			x \$250	\$	I	
	Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration fee the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 130.00	
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$	
Total claims		- 20 =	0	x \$ 50	\$	
Independent clair	ms	- 3 =	0	x \$200	\$	
MULTIPLE DEPE	ENDENT CLAIM(S	s) (if applicable)		+ \$360	\$	
		\$				
Applicant cla	nims small entity st		\$ 130.00			
Parameter	SUBTOTAL = Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest					1
	f \$130.00 for furni: late (37 CFR 1.492	\$				
		\$ 130.00				
	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					
/2006 HKAYPAGH	00000035 10565	\$ 130.00				
0:1617	130.00 OP				Amount to be refunded:	\$
					Amount to be charged	\$

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

A check in the amount of \$ _130.00 a. 🚺 to cover the above fees is enclosed. Please charge my Deposit Account No. in the amount of \$ _ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 16-0631 ... A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Douglas J. CHRISTENSEN Patterson, Thuente, Skaar & Christensen, P.A. 4800 IDS Center Douglas J. Christensen NAME 80 South 8th Street Minneapolis, Minnesota 55402 35,480 REGISTRATION NUMBER



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE UNITED STATES DEPARTMENT OF COMMI United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Viginia 22313-1450 www.uspto.gov

U.S. APPLICATION NUMBER NO. FIRST NAMED APPLICANT ATTY. DOCKET NO. 10/565,723 Dirk Muhlhoff 3081153US01

INTERNATIONAL APPLICATION NO.

PCT/EP04/08161

371 FORMALITIES LETTER

I.A. FILING DATE PRIORITY DATE

CONFIRMATION NO. 6153

07/21/2004

07/25/2003

Douglas J Christensen PATTERSON THUENTE SKAAR & CHRISTENSEN 4800 IDS Center 80 South Eighth Street Minneapolis, MN 55402

RECEIVED DOCKETING

JUN 2 9 2006

PATTERSON, THUENTE, SKAAR

OC000000019250835

Date Mailed: 06/14/2006

& CHRISTENSEN, P.A.

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/24/2006
- English Translation of the IA filed on 01/24/2006
- Copy of the International Search Report filed on 01/24/2006
- Preliminary Amendments filed on 01/24/2006
- Information Disclosure Statements filed on 01/24/2006
- U.S. Basic National Fees filed on 01/24/2006
- Priority Documents filed on 01/24/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Requirements due 8.14.06

\$130 Surcharge.

Per 1 month extension_ Per 2 month extension_ Per 3 month extension.

Per 4 month extension.

Per 5th & final extension_

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.	
10/565,723	PCT/EP04/08161	3081153US01	

FORM PCT/DO/EO/905 (371 Formalities Notice)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Dirk Mühlhoff et al.

Attorney Docket No.: 3081.153US01

Application No.:

10/565,723

Confirmation No.: 6153

Filed:

January 24, 2006

For:

METHOD AND DEVICE FOR PRODUCING A CLOSED, CURVED CUT

SUBMISSION OF DOCUMENTS

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Enclosed for filing in the above-identified application are the following documents:

- 1. Transmittal Letter to the United States Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371 (3 pgs.);
- 2. Copy of Notice of Missing Requirements (2 pgs.);
- 3. Declaration and Power of Attorney for Patent Application (4 pgs.);
- 4. Check in the amount of \$130.00; and
- 5. Return receipt postcard.

The Commissioner is authorized to charge to Deposit Account No. 16-0631 any underpayments, overpayments or additionally required fees.

Respectfully submitted,

Douglas J. Christensen Registration No. 35,480

Customer No. 24113
Patterson, Thuente, Skaar & Christensen, P.A. 4800 IDS Center, 80 South 8th Street
Minneapolis, Minnesota 55402-2100

Telephone: (612) 349-3001

Please grant any extension of time necessary for entry; charge any fee due to Deposit Account No. 16-0631.

CERTIFICATE OF EXPRESS MAIL

Express Mail Label No.: <u>EV804180769US</u>

Date of Deposit: <u>10 August 2006</u>

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313.

Doris Whitcomb

Name of Person Making Deposit

Signature